

Title (en)

Method and circuit for the transmission of information from sensors through an electrical conductor

Title (de)

Verfahren und Schaltung zur Informationsübertragung von Sensoren durch einen elektrischen Leiter

Title (fr)

Procédé et circuit de transmission d'informations issues de capteurs sur un fil conducteur électrique

Publication

**EP 0645870 B1 20020522 (FR)**

Application

**EP 94420258 A 19940926**

Priority

FR 9311625 A 19930924

Abstract (en)

[origin: EP0645870A1] The invention relates to a method of transmitting information originating from sensors of physical quantities consisting: - in transmitting at least one item of information on a single electrically conducting transmission wire (2) - in using an electrical signal (10) to transport the information, - in using an electrical or electronic circuit (1) to generate a converted electrical signal, conveying the information, - in using means of receiving and of analysing the information transmitted, characterised in that it consists, from physical quantities measured continuously, by sensors, in time-based peak limiting of the electrical signal by means of an electrical or electronic circuit (1) in order to mark the said electrical signal of at least one information item originating from a sensor. Application to smoothing irons linked to a steam generator. <IMAGE>

IPC 1-7

**H02J 13/00**

IPC 8 full level

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Cited by

FR2929058A1; GB2298553A; GB2298553B; DE19603680C1; EP0786850A3; EP0817541A3; EP0852433A3; US7923856B2; WO0190828A3; WO2009125080A3; US6307182B1

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